



126
Docket No. 45,753-DIV (1550)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: S. Hinuma et al.

U.S.S.N.: 09/038,572

Art Unit: 1654

FILED: 03/11/98

Examiner: Gupta

FOR: G PROTEIN COUPLED RECEPTOR PROTEIN PRODUCTION, AND USE THEREOF

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DEC 30 1999

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on December 16, 1999.

By: _____

Donna M. Tomaso

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Date: December 16, 1999

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

In addition to the documents cited herein, Applicants also cite to the Examiner copending US application No. 08/513,974.

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I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Copies of these documents (CHECK ONE):

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DEC 30 1999

II. COPIES

- a. ☒ are enclosed herewith (references BE-BF on the attached PTO form 1449); and
- b. ☒ have been cited in the parent application, and are thus not being resubmitted herein (references BA-BD and CA-CL on the attached PTO form 1449).

III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

- a. ☒ Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b. ☐ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c. ☐ The following additional information is provided for the Examiner's consideration:

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)

(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.

- b. ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. ☒ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).
- d. ☐ before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

- a. ☐ No certification; therefore, a fee in the amount of \$240.00 is required by 37 C.F.R. § 1.17(p).
- or
- b. ☐ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

- a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months

prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.



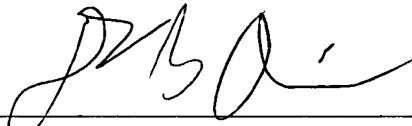
Please charge Deposit Account No. 04-1105 in the amount of \$240.00 for the above-indicated fee. A triplicate copy of this paper is attached.



No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,



David G. Conlin (Reg. No. 27,026)
DIKE, BRONSTEIN, ROBERTS
& CUSHMAN, LLP.

130 Water Street
Boston, MA 02109
Tel: (617) 523-3400

Date: December 16, 1999

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.

45,753-DIV (1550)

SERIAL NO.

09/038,572

APPLICANT(S): S. Hinuma et al.

FILING DATE:

03/11/99

ART UNIT: 1654

UNITED STATES PATENT DOCUMENTS

| EXAM. INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLA SS | SUB CLASS | FIL. DATE IF APPR |
|------------------|--|--------------------|------|------|-----------|--------------|-------------------------|
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FOREIGN PATENT DOCUMENTS

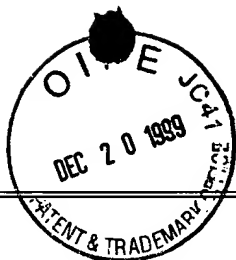
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRAN YES/NO |
|--|----|--------------------|---------|---------|-----------|--------------|----------------|
| | BA | 0 578 62 A2 | 4/06/93 | EPO | C12Q 1/68 | C12N 15/10 | YES |
| | BB | WO 92/01810 | 6/02/92 | PCT | C12Q 1/00 | 1/68 | YES |
| | BC | WO 95/10538 | 4/20/95 | PCT | | | YES |
| | BD | WO 94/05695 | 3/17/94 | PCT | | | YES |
| | BE | 0 875 565 A2 | 4/30/97 | EPO | | | YES |
| | BF | WO 96/34877 | 5/5/95 | PCT | | | YES |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| | |
|----|--|
| CA | Probst, et al., <i>DNA and Cell Biology</i> , Vol. 11, No. 1, pp. 1-20, 1992. |
| CB | Okamoto, et al., <i>J. Biological Chemistry</i> , Vol. 267, No. 12, pp. 8342-8346, 1992. |
| CC | Libert, et al., <i>Science</i> , Vol. 244, pp. 569-572, 1989. |
| CD | Webb, et al., <i>FEBS Letters</i> , Vol. 342(2), pp. 219-225, 1993. |

Examiner:

Date:



Sheet 2 of 2

FORM PTO-1449**INFORMATION DISCLOSURE STATEMENT**

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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRAN YES/NO |
|--|--|--------------------|------|---------|-------|--------------|----------------|
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| | | |
|--|----|---|
| | CE | Lustig, et al., <i>Proc. Natl. Acad. Sci, USA</i> , Vol. 90, pp. 5113-5117, 1993. |
| | CF | Rice, et al., <i>Am. J. Respir. Cell. Mol. Biol.</i> , Vol. 12, pp. 27-32, 1995. |
| | CG | Parr, et al., <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91, pp. 3275-3279, 1994. |
| | CH | Valera, et al., <i>Nature</i> , Vol. 3716, pp. 516-519, 1994. |
| | CI | Erb et al., <i>J. Biol. Chem.</i> , Vol. 270 (9), pp. 4185-4188, 1995. |
| | CJ | Abbracchio et al., <i>Pharmac. Ther.</i> , Vol. 64, pp. 445-475, 1994. |
| | CK | Dubyak, et al., <i>Am. Phys. Soc.</i> , pp. C577-C606, 1993. |
| | CL | Burnstock et al., <i>Circulation Research</i> , Vol. 58(3), pp. 319-330, 1986. |

Examiner:

Date: